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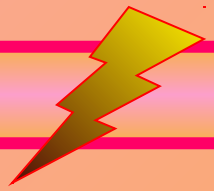

Introduction & Safety

Unclassified:

1 Hour Conference,

Safety & Environmental Impact; “LOW”.

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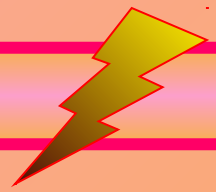


Terminal Learning Objective

ACTION:

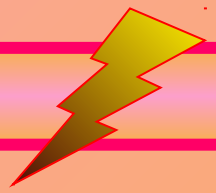
Determine the correct safety procedures & practices.

CONDITION:

Given a classroom environment, Computer Aided Instruction (CAI) workstation and official OMEMS reference materials.

STANDARD:

Be able to properly use the Computer Aided Instruction workstation; completing the Introduction to the CAI and Introduction & Safety computer based instruction (CAI) lessons identify safety habits associated with electricity and electronic equipment, and correctly answer questions concerning safety procedures & practices to the established standard of 7 correct answers out of 10 & 8 out of 10 for EOD.



Introduction

The fact that electricity can kill makes a paramount factor of concern for decreasing the risk of shock. By observing & practicing the safety procedures & requirements outlined in the following lesson the risk of electrical shock can be reduced.

A healthy respect for electricity will greatly enhance your chances for survival.

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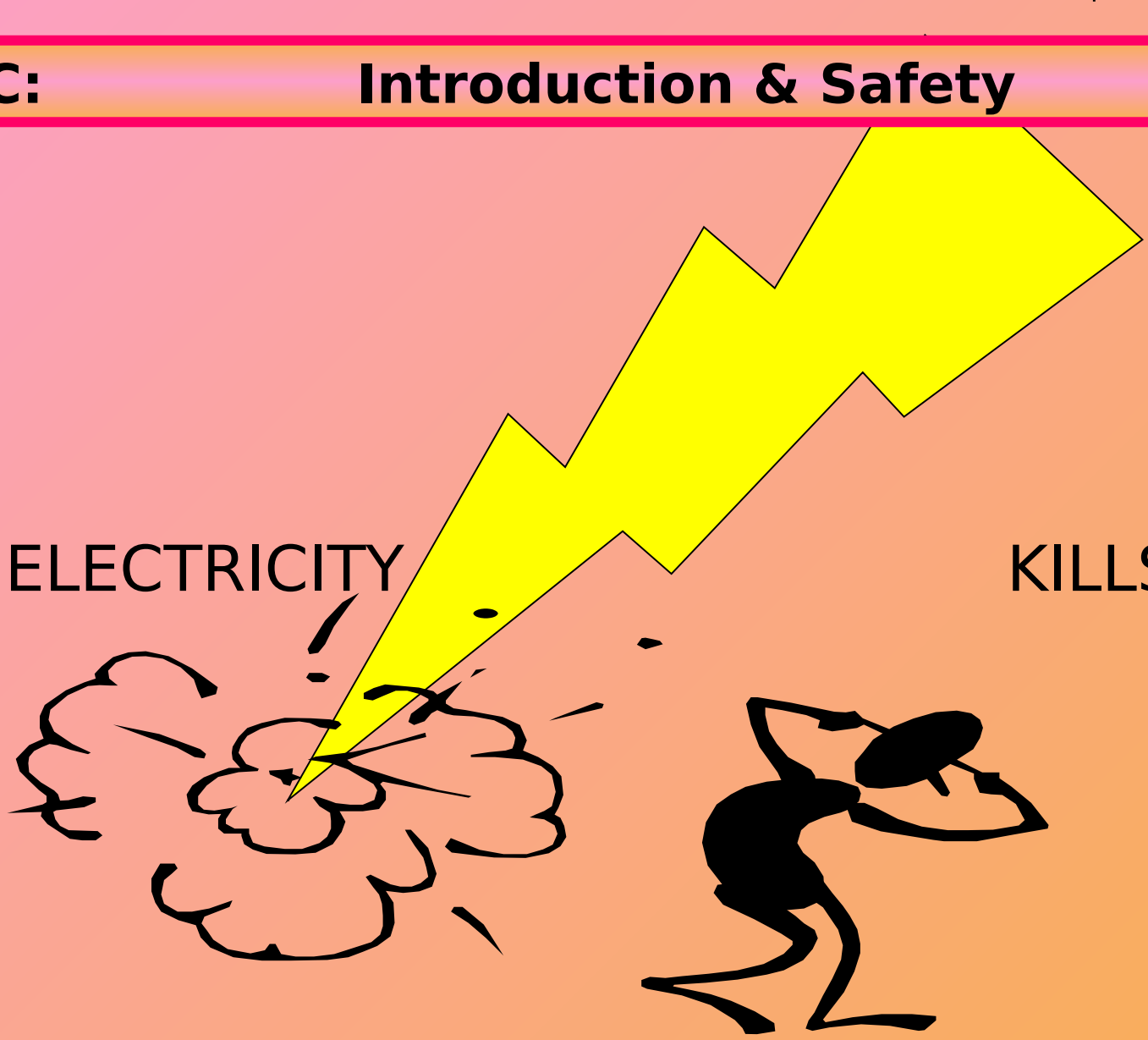

Causes

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COMMON RESULTS/ CAUSE OF ACCIDENTS.

- ELECTRICAL FIRES
- MISUSE OF TOOLS AND EQUIPMENT
- ELECTRICAL BURNS
- ELECTRICAL SHOCK

2 Factors

TWO FACTORS WHICH DETERMINE IF A

SHOCK IS FATAL

1. The amount of Current entering the body.

One half (1/2) of one amp CAN BE lethal

2. The path current takes through the body.

A current path through the heart is usually

FATAL.

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THINGS TO DO TO HELP PREVENT SHOCK

1. No Jewelry
2. Ground Equipment
3. Rubber Mats
4. Clean Work Area
5. No Horseplay
6. One Hand Rule
7. Don’t Touch Contacts
8. Power Off for Repairs
9. Work in a Team [Not Alone]

What do I do ?

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What would you do if you observed someone being electrocuted??

Disconnect

or

turn OFF power !!!

Hot Stick

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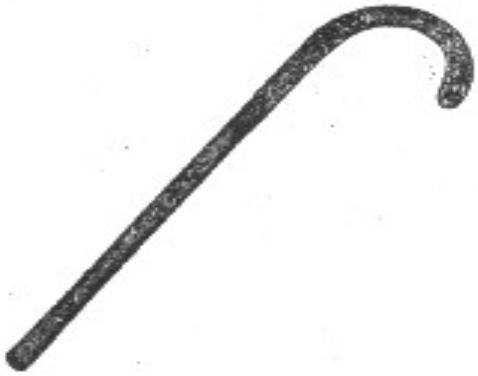
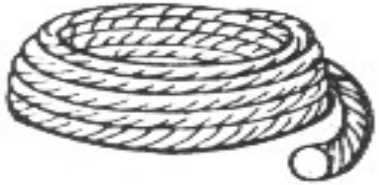


HOT STICK



HOT ROPE

Note:

Look for these items in each of your training areas.

Tags

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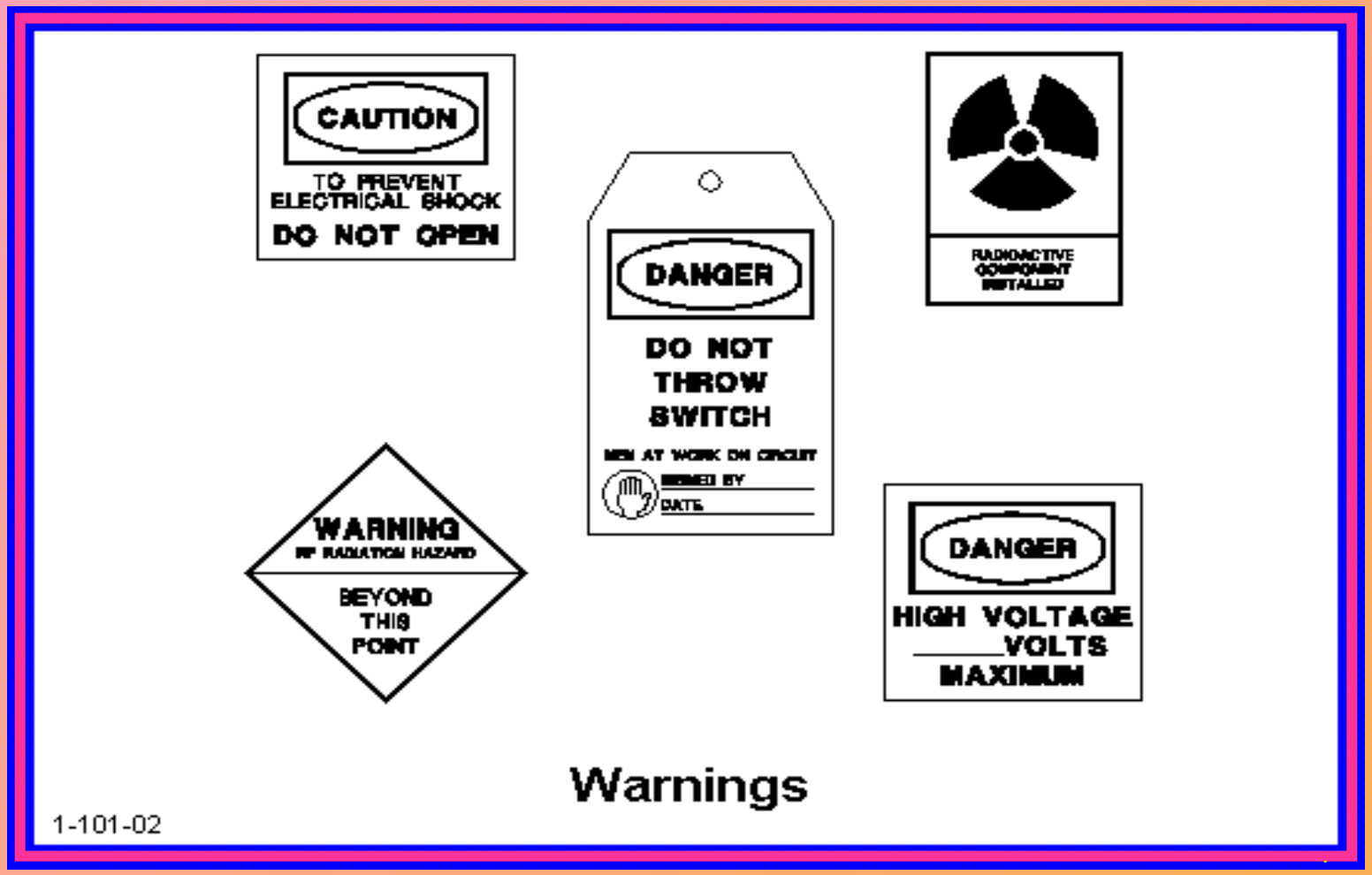
EXAMPLES OF WARNING TAGS AND CAUTIONS



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Problem Sheet; Refer to Dc Problem Book. **Answer true or False.**

1. **It is ok to wear rings while working on electrical equipment.**

   A. True **B. False**

2. **Equipment should never be grounded when in use.**

   A. True **B. False**

3. **You should never touch anything inside the equipment w/power applied.**

   A. True **B. False**

4. **Voltages below 100 Volts are safe to work with.**

   A. True **B. False**

5. **Always work alone on electrical equipment.**

   A. True **B. False**

Answers

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Lesson Test:

Standard: 10 Questions W/in 20 Minutes. 90% Minimum Accuracy. 90% for EOD.

Reference: None.

Supplement; Tornado, Fire & Bomb Procedures.